

## **.FORKLIFT PROTECTION PAD**

### **FIELD OF INVENTION**

This invention relates to a forklifts, and more particularly, an attachment apparatus for the protection of vehicles being loaded by a forklift as well as the materials being loaded.

### **BACKGROUND OF INVENTION**

Forklift damage to vehicles and materials is and has been prevalent because the tines of the forklift often protrude from the front of a pallet or goods being loaded. This protrusion is most often out of view of the forklift operator. In addition damage is done to the door frames of the vehicle being loaded by the sides of the forklift mast as the fork enters the vehicle door. This invention will prevent, or at the very least, diminish these damages.

### **BRIEF DESCRIPTION OF DRAWINGS**

**FIG. 1** shows where the protection pad, although height adjustable, is mounted on the forklift mast.

**FIG. 2** shows the rear view of how the protection pad is mounted and secured to the forklift mast.

**FIG. 3** shows a closer view of the rubber clamps seen in **FIG. 2** used to secure the protection pad to the forklift mast's vertical bars.

**FIG. 4** shows a closer view of the channel bracket seen in **FIG. 2** used to secure the protection pad to the forklift mast vertically.

## DETAILED DESCRIPTION OF THE INVENTION

With reference to the **FIGURES** in the brief description and using those same like reference numerals as the like components thereof, **FIG. 1** illustrates the front and side view of the invention as it looks mounted on the forklift mast. The invention is to be manufactured with a molding process commonly referred to as reaction injection molding or RIM. After the mold is removed 3/8 holes are drilled in the specified locations as shown. The invention itself as one embodiment being 29"x7 1/4"x3'.

**FIGURE 2** shows the back view of the invention shown in **FIG. 1** as well as the adjustable rubber clamp mounting device and channel bracket components and their respective locations as it is mounted on the top of the forklift mast, noting that the invention may be rotated and placed at the bottom of the mast as well.

**FIGURE 3** shows the top view of the invention shown in **FIG.1** and the mounting components in **FIG.2**. More precisely it shows the unistrut channel and where and how it is mounted to the inside of the protection pad by installing 3/8, bolts through the 3/8, hole previously rilled at both ens of the pad discussed in **FIG. 1**. It shows in closer detail the two rubber clamps shown in **FIG. 2**. The drawing demonstrates that the rubber clamps are mounted to the inside of the protection pad also using 3/8' bolts and how it is mounted so that it is adjustable to the width of the verticle forklift mast bars.

**FIGURE 4** shows in closer detail the channel bracket that is pointed out in **FIG. 2** and is installed on the back of the invention using bolts of the same size as depicted in **FIG. 1** in the center of the invention. This channel bracket is a 3/4"x1' aluminum bracket with a 3/32' flange and 3/16' web. This bracket allows the invention to also attach to the top or bottom horizontal bars of the forklif mast depending on the users preference.